

\$
FILE 'HOME' ENTERED AT 13:44:44 ON 16 JAN 2003

=> file agricola biosis caplus caba

=> s inbred cucumber

L1 12 INBRED CUCUMBER

=> duplicate remove 11

DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, CAPLUS, CABA'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L1

L2 7 DUPLICATE REMOVE L1 (5 DUPLICATES REMOVED)

=> d ti 1-7

L2 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
TI Silver nitrate effects on sex expression in cucumber

L2 ANSWER 2 OF 7 AGRICOLA DUPLICATE 2
TI Inheritance of resistance to watermelon mosaic virus in the cucumber line
TMG-1: tissue-specific expression and relationship to zucchini yellow
mosaic virus resistance.

L2 ANSWER 3 OF 7 CABA COPYRIGHT 2003 CABI
TI Genetic analysis for major agronomic characters in cucumber (*Cucumis
sativus* L.).

L2 ANSWER 4 OF 7 AGRICOLA DUPLICATE 3
TI Inheritance of resistance to the watermelon strain of papaya ringspot
virus in the cucumber line TMG-1.

L2 ANSWER 5 OF 7 CABA COPYRIGHT 2003 CABI
TI High effective multiple selection of parental lines of cucumber hybrid
with strong early mature heterosis.

L2 ANSWER 6 OF 7 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI IN-VITRO CULTURE OF CUCUMIS-SATIVUS L. 7. GENES CONTROLLING PLANT
REGENERATION.

L2 ANSWER 7 OF 7 CABA COPYRIGHT 2003 CABI
TI Production of **inbred cucumber** lines and their use to
obtain heterotic hybrids.

=> d bib abs 3 7

L2 ANSWER 3 OF 7 CABA COPYRIGHT 2003 CABI
AN 97:16182 CABA
DN 971600262
TI Genetic analysis for major agronomic characters in cucumber (*Cucumis
sativus* L.)
AU Li JianWu; Li, J. W.; Zhu DeWei [EDITOR]
CS Horticultural Department of Henan Agricultural University, Zhengzhou,
Henan 450002, China.
SO Acta Horticulturae, (1995) No. 402, pp. 388-391. 5 ref.
Meeting Info.: International symposium on cultivar improvement of
horticultural crops. Part I: vegetable crops, held at Beijing, China on
September 6-10, 1993.
ISSN: 0567-7572; ISBN: 90-6605-857-9
DT Conference Article; Journal
LA English
AB Information on heterosis and combining ability is derived from data on 9
yield components in 4 **inbred cucumber** lines and their
6 F1 hybrids grown in Zhengzhou, China. Total yield, early yield, fruit
number, average fruit weight, leaf area, fruit ratio and fruit shape index
had positive heterosis. Vine length had negative heterosis; shorter vines
produced greater yields. Yield was most affected by fruit number and
average fruit weight. Among the parents, line 112 had the greatest GCA for
average fruit weight and fruit ratio. Hybrid 111 x 112 had the greatest
SCA for fruit number, average fruit weight, vine length, fruit length :
diameter ratio and leaf area.

L2 ANSWER 7 OF 7 CABA COPYRIGHT 2003 CABI

AN 89:37502 CABA

DN 891675718

TI Production of **inbred cucumber** lines and their use to

AU obtain heterotic hybrids
Damrauskas, E.
CS Litovskii N.-I. Inst. Plodoovshchnogo Khozyaistva, Lithuanian SSR.
SO Problemy ekologicheskogo monitoringa i geneticheskie aspekty ornitofauny i drugikh organizmov. 2. Problemy geneticheskogo i ekologicheskogo monitoringa rastenii i zhivotnykh, (1988) pp. 34-36. Vilnius
CY LITHUANIAN SSR
DT Miscellaneous
LA Russian
AB In the production of hybrid varieties in the Lithuanian SSR, the maternal forms used were lines selected in Fetoxy F2, Heureka, Kuba F2 and 6502 and the pollen parents were lines selected in 6502 and Voronezhskii. Hybrids were obtained which outyielded the locally grown standard, Lebelle F1, in total yield and early yield (first 15 days of fruiting), and produced good-quality fruit suitable for pickling. Tabulated data are given on early and total yield for the promising hybrids Fetoxy F2 x 6502, Kuba F2 x 6502 and Heureka x Voronezhskii.

=> s 8d-5079

L3 0 8D-5079

=> logoff hold

FILE 'HOME' ENTERED AT 16:58:57 ON 16 JAN 2003

=> file agricola bisois caplus caba

=> s inbred and cucumber

L1 320 INBRED AND CUCUMBER

=> duplicate remove l1

L2 223 DUPLICATE REMOVE L1 (97 DUPLICATES REMOVED)

=> d ti 1-50

L2 ANSWER 1 OF 223 CAPLUS COPYRIGHT 2003 ACS

TI A reference map of Cucumis melo based on two recombinant **inbred** line populations

L2 ANSWER 2 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Combining ability analysis of yield components in **cucumber**.

L2 ANSWER 3 OF 223 AGRICOLA DUPLICATE 1
TI QTLs involved in the restriction of **cucumber** mosaic virus (CMV) long-distance movement in pepper.

L2 ANSWER 4 OF 223 CABA COPYRIGHT 2003 CABI
TI A new **cucumber** hybrid - 'Zhongnong 14'.

L2 ANSWER 5 OF 223 AGRICOLA DUPLICATE 2
TI Relationship between somaclonal variation and type of culture in **cucumber**.

L2 ANSWER 6 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Comparison of agricultural characteristics among the substitution lines for mitochondrial genome in **cucumber**

L2 ANSWER 7 OF 223 CABA COPYRIGHT 2003 CABI
TI Evidence for downy mildew races in **cucumber** tested in Asia, Europe, and North America.

L2 ANSWER 8 OF 223 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 3
TI Silver nitrate effects on sex expression in **cucumber**

L2 ANSWER 9 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. DUPLICATE 4
TI A useful protocol for *in situ* RT-PCR on plant tissues.

L2 ANSWER 10 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of a new **cucumber** variety - 'Jinyou 10'.

L2 ANSWER 11 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Marker-aided and phenotypic selection for multiple lateral branching in **cucumber**.

L2 ANSWER 12 OF 223 CABA COPYRIGHT 2003 CABI
TI Development and evaluation of **cucumber** hybrids in the hills of

Himachal Pradesh.

L2 ANSWER 13 OF 223 CABA COPYRIGHT 2003 CABI
TI Diversity pattern and choice of parents for hybridization in slicing
cucumber (*Cucumis sativus* L.).

L2 ANSWER 14 OF 223 CABA COPYRIGHT 2003 CABI
TI Selection of a new **cucumber** (*Cucumis sativus*) F1 hybrid
Xianghuangguo No. 5.

L2 ANSWER 15 OF 223 CABA COPYRIGHT 2003 CABI
TI Selection of a new **cucumber** (*Cucumis sativus* L.) F1 hybrid
Jinyou No. 4.

L2 ANSWER 16 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber inbred** line USDA 6632E.

L2 ANSWER 17 OF 223 AGRICOLA DUPLICATE 5
TI Screening the **cucumber** germplasm collection for combining
ability for yield.

L2 ANSWER 18 OF 223 AGRICOLA DUPLICATE 6
TI A genetic map of **cucumber** composed of RAPDs, RFLPs, AFLPs, and
loci conditioning resistance to papaya ringspot and zucchini yellow mosaic
viruses.

L2 ANSWER 19 OF 223 AGRICOLA DUPLICATE 7
TI Screening the **cucumber** germplasm collection for fruit storage
ability.

L2 ANSWER 20 OF 223 AGRICOLA DUPLICATE 8
TI Characterization of sources of resistance to the watermelon strain of
Papaya ringspot virus in **cucumber**: allelism and co-segregation
with other potyvirus resistances.

L2 ANSWER 21 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Identification of QTLs contributing to resistance to different strains of
cucumber mosaic cucumovirus in melon

L2 ANSWER 22 OF 223 CABA COPYRIGHT 2003 CABI
TI Identification of QTLs contributing to resistance to different strains of
cucumber mosaic cucumovirus in melon.

L2 ANSWER 23 OF 223 CABA COPYRIGHT 2003 CABI
TI A new **cucumber** variety for solar,greenhouse production - 'Jinyou
No.5'.

L2 ANSWER 24 OF 223 CABA COPYRIGHT 2003 CABI
TI Resistance to downy mildew, *Pseudoperonospora cubensis*, in cucumbers.

L2 ANSWER 25 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Linkage inheritance among 6 genes in **cucumber**

L2 ANSWER 26 OF 223 CABA COPYRIGHT 2003 CABI
TI Canonical discriminant analysis of nine pickling **cucumber**
(*Cucumis sativus*) accessions.

L2 ANSWER 27 OF 223 CABA COPYRIGHT 2003 CABI
TI The effects of gamma irradiation on pollen viability and haploid plant
formation in snake **cucumber** (*Cucumis melo* L. var. *flexuosus*
Naud.).

L2 ANSWER 28 OF 223 AGRICOLA DUPLICATE 9
TI Testcross performance of three selection cycles from four pickling
cucumber populations.

L2 ANSWER 29 OF 223 AGRICOLA
TI Little heterosis for yield and yield components in hybrids of six
cucumber inbreds.

L2 ANSWER 30 OF 223 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 10
TI Study on the resistance of **cucumber** to temperature stress

L2 ANSWER 31 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of a new **cucumber** variety 'Jinyou No.2' for solar
greenhouse production in winter and spring.

L2 ANSWER 32 OF 223 CABA COPYRIGHT 2003 CABI
TI The breeding of Yufanqie 7, a new high quality, high yielding, disease
resistant tomato cultivar.

L2 ANSWER 33 OF 223 CABA COPYRIGHT 2003 CABI

TI Rationale and methods for producing hybrid cucurbit seed.

L2 ANSWER 34 OF 223 AGRICOLA DUPLICATE 11
TI Independence of the *mj* nematode resistance gene from 17 gene loci in *cucumber*.

L2 ANSWER 35 OF 223 CABA COPYRIGHT 2003 CABI
TI The performance of individual selection in pepper breeding for viral resistance.

L2 ANSWER 36 OF 223 AGRICOLA DUPLICATE 12
TI Two-gene interaction and linkage for bitterfree foliage in *cucumber*.

L2 ANSWER 37 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Two-gene interaction and linkage for bitterfree foliage in *cucumber*.

L2 ANSWER 38 OF 223 CABA COPYRIGHT 2003 CABI
TI Three slicing *cucumber* populations: NCWBS, NCMBS, and NCES1.

L2 ANSWER 39 OF 223 AGRICOLA
TI A recessive gene for revolute cotyledons in *cucumber*.

L2 ANSWER 40 OF 223 CABA COPYRIGHT 2003 CABI
TI A recessive gene for revolute cotyledons in *cucumber*.

L2 ANSWER 41 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Factors influencing *cucumber* (*Cucumis sativus* L.) somatic embryogenesis. II. The genotypes with different morphogenetic response specifically influencing culture parameters.

L2 ANSWER 42 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of sweet-hot pepper F1 hybrid Zhongjiao 10.

L2 ANSWER 43 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of a new early maturing *cucumber* cultivar Huahuanggua No.1.

L2 ANSWER 44 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Chemically regulated promoters and pathogenesis-related genes and their use in increasing plant pathogen resistance

L2 ANSWER 45 OF 223 AGRICOLA DUPLICATE 13
TI 'Lucia', 'Manteo', and 'Shelby' root-knot nematode-resistant *cucumber* inbred lines.

L2 ANSWER 46 OF 223 AGRICOLA DUPLICATE 14
TI Multiple alleles for zucchini yellow mosaic virus resistance at the zym locus in *cucumber*.

L2 ANSWER 47 OF 223 CABA COPYRIGHT 2003 CABI
TI Three pickling *cucumber* populations: NCWBP, NCMBP, and NCEP1.

L2 ANSWER 48 OF 223 CABA COPYRIGHT 2003 CABI
TI Study on genetic correlation and path analysis of the main agronomic characters of *cucumber*.

L2 ANSWER 49 OF 223 AGRICOLA DUPLICATE 15
TI Inheritance of resistance to the Moroccan watermelon mosaic virus in the *cucumber* line TMG-1 and cosegregation with zucchini yellow mosaic virus resistance.

L2 ANSWER 50 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 16
TI Genetic analysis of *cucumber* yield and its components by diallel crossing.

=> d bib abs 45 16

L2 ANSWER 45 OF 223 AGRICOLA DUPLICATE 13
AN 1998:39847 AGRICOLA
DN IND21075782
TI 'Lucia', 'Manteo', and 'Shelby' root-knot nematode-resistant *cucumber* inbred lines.
AU Walters, S.A.; Wehner, T.C.
AV DNAL (SB1.H6)
SO HortScience : a publication of the American Society for Horticultural Science, Dec 1997. Vol. 32, No. 7, p. 1301-1303
Publisher: Alexandria, Va. : The American Society for Horticultural

Science.
CODEN: HJHSAR; ISSN: 0018-5345
NTE Includes references
CY United States; Virginia
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 16 OF 223 CABA COPYRIGHT 2003 CABI
AN 2002:6563 CABA
DN 20013144606
TI **Cucumber inbred** line USDA 6632E
AU Staub, J. E.; Crubaugh, L. K.
CS Department of Horticulture, University of Wisconsin-Madison, USDA-ARS
Vegetable Crops Research Unit, 1575 Linden Dr., Madison WI 53706, USA.
SO Cucurbit Genetics Cooperative, (2001) No. 24, pp. 6-7. 4 ref.
Publisher: Cucurbit Genetics Cooperative. College Park
Price: Bulletin article .
ISSN: 1064-5594
CY United States
DT Journal
LA English
AB The new **cucumber inbred** line USDA 6632E originated
from a cross between the multiple disease resistant USDA line 3733 and the
monoecious multiple disease resistant line Wautoma. USDA 6632E is
resistant to *Pseudomonas lachrymans* [?*Pseudomonas syringae* pv.
lachrymans], *Colletotrichum orbiculare*, *Pseudoperonospora cubensis*,
Sphaerotheca fuliginea, *Cladosporium cucumerinum* and **cucumber**
mosaic virus.

=> d bib abs 38 18

L2 ANSWER 38 OF 223 CABA COPYRIGHT 2003 CABI
AN 1998:107140 CABA
DN 981607615
TI Three slicing **cucumber** populations: NCWBS, NCMBS, and NCES1
AU Wehner, T. C.
CS Department of Horticultural Science, North Carolina State University,
Raleigh, NC 27695-7609, USA.
SO HortScience, (1998) Vol. 33, No. 1, pp. 168-170. 11 ref.
ISSN: 0018-5345
DT Journal
LA English
AB Three American slicing **cucumber** populations, NCWBS, NCMBS and
NCES1, were developed in North Carolina, USA, for use in the development
of inbreds and hybrids. NCWBS, NCMBS and NCES1 were developed from a wide,
medium or elite germplasm base, respectively. They were selected for
optimal yields, fruit shape and resistance to *Colletotrichum orbiculare*
and *Didymella bryoniae*, and were improved using modified half-sib family
recurrent selection. The 3 populations are described, and yields and other
characteristics are compared with those of the controls Dasher II
(gynoecious hybrid) and Poinsett 76 (monoecious **inbred**).
Generally, NCES1 performed better than NCWBS and NCMBS in the summer
seasons, and NCMBS performed best in the Spring seasons. The 3 populations
generally outperformed Poinsett 76, and were similar in performance to
Dasher II. Colour and *C. orbiculare* resistance were similar in the 3
populations and Dasher II.

L2 ANSWER 18 OF 223 AGRICOLA
AN 2001:29290 AGRICOLA
DN IND22301009
TI A genetic map of **cucumber** composed of RAPDs, RFLPs, AFLPs, and
loci conditioning resistance to papaya ringspot and zucchini yellow mosaic
viruses.
AU Park, Y.H.; Sensoy, S.; Wye, C.; Antonise, R.; Peleman, J.; Havey, M.J.
AV DNAL (QH431.G452)
SO Genome, Dec 2000. Vol. 43, No. 6. p. 1003-1010
Publisher: Ottawa, Ontario, Canada : National Research Council of Canada.
CODEN: GENOE3; ISSN: 0831-2796
NTE Includes references
CY Canada; Ontario
DT Article
FS Non-U.S. Imprint other than FAO
LA English
SL French
AB The watermelon strain of papaya ringspot virus (PRSV-W) and zucchini
yellow mosaic virus (ZYMV) are potyviruses that cause significant disease
losses in **cucumber**. Resistances have been identified primarily
in exotic germplasm that require transfer to elite cultivated backgrounds.
To select more efficiently for virus resistances, we identified molecular

markers tightly linked to PRSV-W and ZYMV resistances in **cucumber**. We generated F6 recombinant **inbred** lines (RILs) from a cross between *Cucumis sativus* L. 'Straight 8' and a line from 'Taichung Mou Gua', TMG1 (susceptible and resistant, respectively, to both viruses), and studied the segregations of amplified fragment length polymorphism (AFLP) markers, randomly amplified polymorphic DNAs (RAPDs), restriction fragment length polymorphisms (RFLPs), and resistances to PRSV-W and ZYMV. A 353-point map of **cucumber** was generated, delineating 12 linkage groups at LOD 3.5. Linkage arrangements among RFLPs were consistent with previously published maps; however linkages among RAPDs in our map did not agree with a previously published map. Resistances to PRSV-W and ZYMV were tightly linked (2.2 cM) and mapped to the end of one linkage group. One AFLP cosegregated with resistance to ZYMV.

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=> logoff hold  
STN INTERNATIONAL SESSION SUSPENDED AT 17:03:54 ON 16 JAN 2003
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FILE 'HOME' ENTERED AT 14:08:35 ON 17 JAN 2003
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=> file agricola biosis caplus caba
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=> s inbred and cucumber
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L1 320 INBRED AND CUCUMBER
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=> duplicate remove 11
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L2 223 DUPLICATE REMOVE L1 (97 DUPLICATES REMOVED)
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=> d ti 51-100
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L2 ANSWER 51 OF 223 CABA COPYRIGHT 2003 CABI
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TI Resistance to western flower thrips in greenhouse cucumber: effect of leaf position and plant age on thrips reproduction.
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L2 ANSWER 52 OF 223 CABA COPYRIGHT 2003 CABI
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TI Breeding of super early and high yielding hot pepper cultivar 'Lianjiao No. 1'.
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L2 ANSWER 53 OF 223 CABA COPYRIGHT 2003 CABI
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TI A preliminary report on the application of 60Co gamma -rays to cucumber mutation breeding.
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L2 ANSWER 54 OF 223 CABA COPYRIGHT 2003 CABI
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TI Selection of new processing tomato F1 hybrid 'Xinfan No. 4'.
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L2 ANSWER 55 OF 223 CABA COPYRIGHT 2003 CABI
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TI Independent segregation among 11 gene loci in cucumber.
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L2 ANSWER 56 OF 223 AGRICOLA
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DUPLICATE 17
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TI 'M 17' gummy stem blight resistant pickling cucumber inbred.
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L2 ANSWER 57 OF 223 AGRICOLA
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TI NC-42 and NC-43: root-knot nematode-resistant cucumber germplasm.
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L2 ANSWER 58 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
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TI State of the art of large-scale genetic purity testing of hybrid vegetable seeds using isoelectric focusing at PetoSluis.
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L2 ANSWER 59 OF 223 AGRICOLA
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DUPLICATE 18
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TI Evaluation of transgenic tomato plants expressing the coat protein gene of cucumber mosaic virus strain WL under field conditions.
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L2 ANSWER 60 OF 223 AGRICOLA
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DUPLICATE 19
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TI Sources of potential errors in the application of random amplified polymorphic DNAs in cucumber.
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L2 ANSWER 61 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
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DUPLICATE 20
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TI Coat protein-mediated protection to cucumber mosaic virus infections in cultivated tomato.
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L2 ANSWER 62 OF 223 CABA COPYRIGHT 2003 CABI
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TI Efficiency of haploid production in cucumber.
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L2 ANSWER 63 OF 223 CABA COPYRIGHT 2003 CABI
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TI Selection of new **cucumber** F1 hybrid Zhongnong No. 8 suitable for open field production.

L2 ANSWER 64 OF 223 CABA COPYRIGHT 2003 CABI
TI The effect of simple and recurrent *in vitro* regeneration on a **cucumber inbred** line under field cultivation.

L2 ANSWER 65 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of a new **cucumber** variety Jin Chun No. 2 under plastic tunnel.

L2 ANSWER 66 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber** (*Cucumis sativus* L.) mutants segregating in M2 generation after gamma-ray seed and pollen irradiation.

L2 ANSWER 67 OF 223 CABA COPYRIGHT 2003 CABI
TI An induced mutation in **cucumber** (*Cucumis sativus* L.): super compact.

L2 ANSWER 68 OF 223 AGRICOLA DUPLICATE 21
TI Field evaluation of transgenic squash containing single or multiple virus coat protein gene constructs for resistance to **cucumber** mosaic virus, watermelon mosaic virus 2, and zucchini yellow mosaic virus.

L2 ANSWER 69 OF 223 AGRICOLA DUPLICATE 22
TI Inheritance of resistance to watermelon mosaic virus in the **cucumber** line TMG-1: tissue-specific expression and relationship to zucchini yellow mosaic virus resistance.

L2 ANSWER 70 OF 223 CABA COPYRIGHT 2003 CABI
TI Genetic analysis for major agronomic characters in **cucumber** (*Cucumis sativus* L.).

L2 ANSWER 71 OF 223 AGRICOLA DUPLICATE 23
TI Inheritance of resistance to the watermelon strain of papaya ringspot virus in the **cucumber** line TMG-1.

L2 ANSWER 72 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding **inbred** lines of small-fruited **cucumber**.

L2 ANSWER 73 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 24
TI The relationship between powdery mildew (*Sphaerotheca fuliginea*) resistance and leaf chlorosis sensitivity in **cucumber** (*Cucumis sativus*) studied in single seed descent lines.

L2 ANSWER 74 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 25
TI Inheritance and linkage of resistance in **cucumber** line SMR-18 to races 1 and 2 of *Fusarium oxysporum* f.sp. *cucumerinum*.

L2 ANSWER 75 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Development of initial material for breeding of vigor **cucumber** hybrids resistant to diseases and red spider mite.

L2 ANSWER 76 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber** (*Cucumis sativus* L.) induced mutations: a female sterile mutant and an independent long hypocotyl mutant.

L2 ANSWER 77 OF 223 CABA COPYRIGHT 2003 CABI
TI Methods for estimating genetic distance and their relationships with **cucumber** heterosis.

L2 ANSWER 78 OF 223 CABA COPYRIGHT 2003 CABI
TI A salicylic acid-binding activity and a salicylic acid-inhibitible catalase activity are present in a variety of plant species.

L2 ANSWER 79 OF 223 CABA COPYRIGHT 2003 CABI
TI Independence between scab resistance and morphological traits in **cucumber**.

L2 ANSWER 80 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Regeneration of plants from mesophyllous protoplasts of **cucumber**.

L2 ANSWER 81 OF 223 CABA COPYRIGHT 2003 CABI
TI An approach for rapid checking of seed purity by RFLP analysis of nuclear DNA in F1 hybrid of **cucumber** (*Cucumis sativus* L.).

L2 ANSWER 82 OF 223 CABA COPYRIGHT 2003 CABI
TI Response reaction of *C. moschata* breeding lines to mechanical inoculations of CMV, PRSV-W, and WMV-II.

L2 ANSWER 83 OF 223 CABA COPYRIGHT 2003 CABI
TI Differences in the luminescence of regenerated **cucumber** plants caused by plant hormones in the medium.

L2 ANSWER 84 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 26
TI Main factors affecting **cucumber** (*Cucumis sativus* L.) haploid embryo development and haploid plant characteristics.

L2 ANSWER 85 OF 223 CABA COPYRIGHT 2003 CABI
TI Analysis of combining ability of **cucumber** quality characteristics.

L2 ANSWER 86 OF 223 CABA COPYRIGHT 2003 CABI
TI Jinchun 3, a new **cucumber** cultivar for the sunlit greenhouse.

L2 ANSWER 87 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of super-early maturing and high yielding **cucumber** cultivars 1 and 2 in Hunan province.

L2 ANSWER 88 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of Bo Za 10 - an F1 hybrid of spinach.

L2 ANSWER 89 OF 223 CABA COPYRIGHT 2003 CABI
TI New **cucumber** cultivar Zhongnong 8 for outdoor cultivation.

L2 ANSWER 90 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding the new **cucumber** cultivar Zhong Nong 2.

L2 ANSWER 91 OF 223 CABA COPYRIGHT 2003 CABI
TI New released **cucumber** cultivar Jinchun 4 - high-quality, disease-resistant and high-yielding.

L2 ANSWER 92 OF 223 AGRICOLA
TI Testing the effect of the determinate shoot growth allele on **cucumber** root growth.

L2 ANSWER 93 OF 223 AGRICOLA DUPLICATE 27
TI Temperature and humidity affect pillow-like fruit disorder in **cucumber**

L2 ANSWER 94 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Gray leaf spot disease of maize: Rating methodology and **inbred** line evaluation.

L2 ANSWER 95 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 28
TI Inheritance and genetic linkage of fusarium wilt (*Fusarium oxysporum* f.sp. *cucumerinum* race 1) and scab (*Cladosporium cucumerinum*) resistance genes in **cucumber** (*Cucumis sativus*).

L2 ANSWER 96 OF 223 AGRICOLA DUPLICATE 29
TI Selection for multiple disease resistance reduces **cucumber** yield potential.

L2 ANSWER 97 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 30
TI Identification of CMV resistant by enzyme-linked immunosorbent assay and protoplast isolation in **cucumber**.

L2 ANSWER 98 OF 223 CABA COPYRIGHT 2003 CABI
TI Application of narrow-sense canonical characters to **cucumber** breeding.

L2 ANSWER 99 OF 223 CABA COPYRIGHT 2003 CABI
TI Application of factor analysis to **cucumber** breeding.

L2 ANSWER 100 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber** (*Cucumis sativus* L.) induced mutations: a *Phaseolus* leaf mutant.

=> d bib abs 91 90 89 86 72 56 57

L2 ANSWER 91 OF 223 CABA COPYRIGHT 2003 CABI
AN 95:197417 CABA
DN 951610701
TI New released **cucumber** cultivar Jinchun 4 - high-quality, disease-resistant and high-yielding
AU Lu, S. Z.; Ma, D. H.; Huo, Z. R.; Shen, W. Y.; Li, S. J.; Chen, Z. W.

CS Tianjin City Cucumber Institute, Tianjin 300192, China.
SO China Vegetables, (1994) No. 2, pp. 1-3.
DT Journal
LA Chinese
AB This F1 hybrid was bred by crossing the high-yielding, disease-resistant **inbred** lines Jin 90-3 and 76-2-1-6-4. It is similar to Jinza 2 in resistance to downy mildew [Pseudoperonospora cubensis], Fusarium wilt and Sphaerotheca fuliginea. It exceeds Jinyan 4 in early yield by 8.5-11.2%, yielding about 10 t/ha, and in total yield by 38.3-47.6%, yielding 83.7-86 t/ha. It yields fruit of a high quality.

L2 ANSWER 90 OF 223 CABA COPYRIGHT 2003 CABI
AN 96:10680 CABA
DN 951614565
TI Breeding the new **cucumber** cultivar Zhong Nong 2
AU Fang XiuJuan; Yin Yan; Han Xu; Gu XinFang; Fang, X. J.; Yin, Y.; Han, X.; Gu, X. F.

CS Institute of Vegetables and Flowers, CAAS, Beijing 100081, China.
SO China Vegetables, (1994) No. 6, pp. 1-3.
DT Journal
LA Chinese
AB This F1 hybrid of the gynoecious type, derived by crossing the gynoecious line 7925G with an **inbred** line, has 93.9% gynoecious plants. It is a midseason cultivar with high early yield. The total yield is 63-87 t/ha. The cultivar is resistant to Pseudoperonospora cubensis and powdery mildew and moderately resistant to Pythium and Colletotrichum orbiculare. The fruit is of good quality, with crisp sweet flesh containing 2.04 g sugar and 13.9 mg ascorbic acid/100 g fresh weight. Zhong Nong 2 is suitable for spring and autumn cultivation in the open in the north, north east, north west or east of China.

L2 ANSWER 89 OF 223 CABA COPYRIGHT 2003 CABI
AN 95:177640 CABA
DN 951610730
TI New **cucumber** cultivar Zhongnong 8 for outdoor cultivation
AU Fang, X. J.; Gu, X. F.; Han, X.
CS Institute of Vegetables and Flowers, CAAS, Beijing 100081, China.
SO China Vegetables, (1994) No. 3, pp. 2.
DT Journal
LA Chinese
AB This midlate F1 hybrid was bred by crossing the **inbred** lines 90271 and 90211. In early and total yield it exceeds the control Jinza 2 by 5-10% and the major commercial variety Jinyan 4 by over 30%. It has vigorous growth and good commercial quality. The fruit is dark green, crisp and sweet, with a mean length of 35-40 cm and a mean weight of 150-200 g. The hybrid is tolerant of Fusarium wilt and resistant to **cucumber** mosaic cucumovirus, powdery mildew, downy mildew [Pseudoperonospora cubensis] and zucchini yellow mosaic potyvirus. It yields 60-75 t/ha and is suitable for spring cultivation in the open.

L2 ANSWER 86 OF 223 CABA COPYRIGHT 2003 CABI
AN 95:177624 CABA
DN 951610712
TI Jinchun 3, a new **cucumber** cultivar for the sunlit greenhouse
AU Hou, F.; Shen, W. Y.; Ma, D. H.; Huo, Z. R.
CS Cucumber Institute, Tianjin 300192, China.
SO China Vegetables, (1994) No. 2, pp. 54.
DT Journal
LA Chinese
AB This hybrid variety is derived by crossing the maternal **inbred** line P8-2-3-7, which is disease resistant, vigorous and high yielding, with the early high-yielding pollen parent line B9-2-4, a selection from the cultivar Beijingxiaoci. Jinchun 3 is resistant to Pseudoperonospora cubensis and powdery mildew and tolerant of low temperature and weak lighting. It can be sown in late September to early October (even December) in north China, develops normally at night-time temperatures of 10-13 deg C and is suitable for overwintering in the sunlit greenhouse. Information on 5 morphological traits is given. Mean fruit length is 30 cm, mean fruit weight 200 g and mean yield 75 t/ha.

L2 ANSWER 72 OF 223 CABA COPYRIGHT 2003 CABI
AN 96:114761 CABA
DN 961607980
TI Breeding **inbred** lines of small-fruited **cucumber**
AU Khristova, Kh.
CS Opitna Stantsiya po Zelenchukovi Kulturi, Gorna Oryakhovitsa, Bulgaria.
SO Rasteniev"dni Nauki, (1995) Vol. 32, No. 5, pp. 222-223. 6 ref.
ISSN: 0568-465X
DT Journal
LA Bulgarian
SL Russian; English
AB The source material used comprised 2 varieties from the Netherlands, the

gynoecious line Zh3 and some 3-way hybrids. After 5-6 cycles of inbreeding combined with strict individual selection, new small-fruited lines of the gynoecious and monoecious types with useful economic traits were derived for use in hybridization, notably the gynoecious lines PL, T and 81066 and the monoecious lines B81 and TR, which are briefly characterized.

L2 ANSWER 56 OF 223 AGRICOLA DUPLICATE 17
AN 1998:7926 AGRICOLA
DN IND20613201
TI 'M 17' gummy stem blight resistant pickling **cucumber**
inbred.
AU Wehner, T.C.; St Amand, P.C.; Lower, R.L.
CS North Carolina State University, Raleigh, NC.
AV DNAL (SB1.H6)
SO HortScience : a publication of the American Society for Horticultural Science, Dec 1996. Vol. 31, No. 7. p. 1248-1249
Publisher: Alexandria, Va. : The American Society for Horticultural Science.
CODEN: HJHSAR; ISSN: 0018-5345
NTE Includes references
CY United States; Virginia
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 57 OF 223 AGRICOLA
AN 1998:7924 AGRICOLA
DN IND20613199
TI NC-42 and NC-43: root-knot nematode-resistant **cucumber**
germplasm.
AU Walters, S.A.; Wehner, T.C.; Barker, K.R.
CS North Carolina State University, Raleigh, NC.
AV DNAL (SB1.H6)
SO HortScience : a publication of the American Society for Horticultural Science, Dec 1996. Vol. 31, No. 7. p. 1246-1247
Publisher: Alexandria, Va. : The American Society for Horticultural Science.
CODEN: HJHSAR; ISSN: 0018-5345
NTE Includes references
CY United States; Virginia
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

=> d ti 101-223

L2 ANSWER 101 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding the midearly sweet pepper cultivar Zhong Jiao 5.

L2 ANSWER 102 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding the capsicum F1 variety Shenjiao 3.

L2 ANSWER 103 OF 223 AGRICOLA
TI **Cucumber** population WI 6383 and derived inbreds WI 5098 and WI 5551.

L2 ANSWER 104 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI LINKAGE CHARACTERIZATION OF RESISTANCE TO ZYMV AND WMV-2 IN THE
INBRED CHINESE **CUCUMBER** LINE TMG-1.

L2 ANSWER 105 OF 223 AGRICOLA DUPLICATE 31
TI Heart leaf, a recessive leaf shape marker in **cucumber**: linkage
with disease resistance and other traits.

L2 ANSWER 106 OF 223 CABA COPYRIGHT 2003 CABI
TI Genetics of resistance in summer squash to powdery mildew and
cucumber mosaic virus.

L2 ANSWER 107 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 32
TI ROLE OF ROOTS AND SHOOTS IN THE REGULATION OF THE IRON EFFICIENCY
RESPONSES IN SUNFLOWER AND **CUCUMBER**.

L2 ANSWER 108 OF 223 AGRICOLA DUPLICATE 33
TI Plant density and herbicides affect **cucumber** productivity.

L2 ANSWER 109 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber** (*Cucumis sativus* L.) induced mutations. II. A second
short petiole mutant.

L2 ANSWER 110 OF 223 CABA COPYRIGHT 2003 CABI
TI Correlation between parents and F1 progeny in earliness heterosis and the estimation of traits limits of parents.

L2 ANSWER 111 OF 223 CABA COPYRIGHT 2003 CABI
TI Some relationships of seed production with parthenocarpy and relative humidity in the **cucumber**.

L2 ANSWER 112 OF 223 CABA COPYRIGHT 2003 CABI
TI Study on the multiple generations screening for **cucumber** varieties resistant to Fusarium wilt disease in seedling stage.

L2 ANSWER 113 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding of gynoecious **cucumber** inbreds 'Wonye 501' and 'Wonye 502'.

L2 ANSWER 114 OF 223 CABA COPYRIGHT 2003 CABI
TI [Annual report, 1991].
Jahresbericht, 1991.

L2 ANSWER 115 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 34
TI THE EFFECT OF LOW ROOT TEMPERATURE ON GROWTH AND LIPID COMPOSITION OF LOW TEMPERATURE TOLERANT ROOTSTOCK GENOTYPES FOR **CUCUMBER**.

L2 ANSWER 116 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 35
TI GROWTH TEMPERATURE AND LIPID COMPOSITION OF **CUCUMBER** GENOTYPES DIFFERING IN ADAPTATION TO LOW ENERGY CONDITIONS.

L2 ANSWER 117 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI STUDIES ON THE EARLY MATURITY HETEROSESIS AND ITS FORMATIVE BASES OF YIELD COMPONENT TRAITS IN **CUCUMBER** CUCUMIS-SATIVUS L.

L2 ANSWER 118 OF 223 AGRICOLA DUPLICATE 36
TI Gy 5 **cucumber inbred** and 'Johnston' hybrid pickling **cucumber**.

L2 ANSWER 119 OF 223 AGRICOLA DUPLICATE 37
TI Gy 4 **cucumber inbred** and 'Raleigh' hybrid pickling **cucumber**.

L2 ANSWER 120 OF 223 CABA COPYRIGHT 2003 CABI
TI High effective multiple selection of parental lines of **cucumber** hybrid with strong early mature heterosis.

L2 ANSWER 121 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding the new **cucumber** for protected cultivation Zao Feng 2.

L2 ANSWER 122 OF 223 CABA COPYRIGHT 2003 CABI
TI A **cucumber** (Cucumis sativus L.) mutant with yellow stem and leaf petioles.

L2 ANSWER 123 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Regeneration of Cucumis sativus var. sativus and C. sativus var. hardwickii, C. melo, and C. metuliferus from explants through somatic embryogenesis and organogenesis. Influence of explant source, growth regulator regime and genotype

L2 ANSWER 124 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI IN-VITRO CULTURE OF CUCUMIS-SATIVUS L. 7. GENES CONTROLLING PLANT REGENERATION.

L2 ANSWER 125 OF 223 AGRICOLA
TI The distribution of **cucumber** mosaic virus in resistant and susceptible plants of pepper.

L2 ANSWER 126 OF 223 CABA COPYRIGHT 2003 CABI
TI Interactions of drought and low temperature stress on lipid and fatty acid composition of **cucumber** genotypes differing in growth response at suboptimal temperature.

L2 ANSWER 127 OF 223 CABA COPYRIGHT 2003 CABI
TI Source-sink relationships in **cucumber**.

L2 ANSWER 128 OF 223 CABA COPYRIGHT 2003 CABI
TI Production of **inbred cucumber** lines and their use to obtain heterotic hybrids.

L2 ANSWER 129 OF 223 CABA COPYRIGHT 2003 CABI
TI 'Milo' **cucumber**.

L2 ANSWER 130 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 38

TI COMPARISON OF TWO RECURRENT SELECTION PROCEDURES FOR YIELD IN TWO PICKLING
CUCUMBER POPULATIONS.

L2 ANSWER 131 OF 223 CABA COPYRIGHT 2003 CABI
TI Features of vegetative development in **cucumber** plants of Chinese
origin.

L2 ANSWER 132 OF 223 CABA COPYRIGHT 2003 CABI
TI Evaluation of fruit quality in *Cucumis sativus* var. *hardwickii* (R.)
Alef.-derived lines.

L2 ANSWER 133 OF 223 CABA COPYRIGHT 2003 CABI
TI .

L2 ANSWER 134 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI INHERITANCE OF SEED WEIGHT IN CUCUMIS-SATIVUS-VAR-SATIVUS AND
CUCUMIS-SATIVUS-VAR-HARDWICKII ROYLE KITAMURA.

L2 ANSWER 135 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI INDUCED MUTATIONS IN **CUCUMBER** CUCUMIS-SATIVUS L. IV. A MUTANT OF
THE BUSH TYPE OF GROWTH.

L2 ANSWER 136 OF 223 AGRICOLA
TI Comparisons between bacterial wilt resistant and susceptible gynoecious
cucumber lines and F1 progeny.

L2 ANSWER 137 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 39

TI EFFECT OF INBREEDING ON HORTICULTURAL PERFORMANCE OF LINES DEVELOPED FROM
AN OPEN-POLLINATED PICKLING **CUCUMBER** CUCUMIS-SATIVUS POPULATION.

L2 ANSWER 138 OF 223 CABA COPYRIGHT 2003 CABI
TI 'Wautoma' **cucumber**.

L2 ANSWER 139 OF 223 AGRICOLA DUPLICATE 40
TI The use of isozyme analysis to determine the purity of **cucumber**
(*Cucumis sativus* L.) F1 hybrid seeds.

L2 ANSWER 140 OF 223 CABA COPYRIGHT 2003 CABI
TI Induced mutations in **cucumber** (*Cucumis sativus* L.). VI.
Determinate type of growth.

L2 ANSWER 141 OF 223 CABA COPYRIGHT 2003 CABI
TI Induced mutations in **cucumber** (*Cucumis sativus* L.). V. Compact
type of growth.

L2 ANSWER 142 OF 223 CABA COPYRIGHT 2003 CABI
TI Induced mutations in **cucumber** (*Cucumis sativis* L.). IV. A mutant
of the bush type of growth.

L2 ANSWER 143 OF 223 AGRICOLA
TI Genetics of field resistance to powdery mildew, red pumpkin beetle and
cucumber mosaic virus in summer squash.

L2 ANSWER 144 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 41

TI EFFICIENCY OF EARLY GENERATION TESTING IN PICKLING **CUCUMBER**
CUCUMIS-SATIVUS.

L2 ANSWER 145 OF 223 CABA COPYRIGHT 2003 CABI
TI {The pickling **cucumber** Kecskemeti Livme}.
A Kecskemeti livme berakouborka.

L2 ANSWER 146 OF 223 AGRICOLA DUPLICATE 42
TI Genetic variation within and between two **cucumber** populations
derived via the **inbred** backcross line method.

L2 ANSWER 147 OF 223 AGRICOLA DUPLICATE 43
TI Genetic analysis of fruit length and weight in two **cucumber**
populations using the **inbred** backcross line method.

L2 ANSWER 148 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 44

TI ELECTROPHORETIC VARIATION AND ENZYME STORAGE STABILITY IN **CUCUMBER**
.

L2 ANSWER 149 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI EVALUATION OF THE RESISTANCE OF **CUCUMBER** CUCUMIS-SATIVUS TO
COLLETOTRICHUM-GLOEOSPORIOIDES.

L2 ANSWER 150 OF 223 CABA COPYRIGHT 2003 CABI
TI [Introduction of mildew resistance into the **cucumber** variety
Kecskemeti Keseredesmentes Konzerv].
A lisztharmat-tolerancia beepitese a 'Kecskemeti Keseredesmentes Konzerv'
uborkafajtaba.

L2 ANSWER 151 OF 223 AGRICOLA
TI Diallel cross of **cucumber** for yield studies.
Analise dialelica em pepino para mesa, visando o estudo de caracteristicas
relativas a producao.

L2 ANSWER 152 OF 223 CABA COPYRIGHT 2003 CABI
TI The inheritance of partially dominant resistance to powdery mildew
(*Sphaerotheca fuliginea* Poll.) in **cucumber** (*Cucumis sativus* L.).

L2 ANSWER 153 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI INDUCED MUTATIONS IN **CUCUMBER** CUCUMIS-SATIVUS I. VARIABILITY IN
M-1 AND M-2 GENERATIONS.

L2 ANSWER 154 OF 223 CABA COPYRIGHT 2003 CABI
TI Effects of genotype and within-row spacing on the stability of sex
expression in **cucumber**.

L2 ANSWER 155 OF 223 CABA COPYRIGHT 2003 CABI
TI Induced mutations in **cucumber** (*Cucumis sativus* L.). II. Mutant
of gigantism.

L2 ANSWER 156 OF 223 CABA COPYRIGHT 2003 CABI
TI Effect of inbreeding on horticultural performance of **cucumber**
families developed from a variable population.

L2 ANSWER 157 OF 223 AGRICOLA DUPLICATE 45
TI Early generation testing in **cucumber**.

L2 ANSWER 158 OF 223 CABA COPYRIGHT 2003 CABI
TI Pickling **cucumber** population improvement for increased fruit
yield II.

L2 ANSWER 159 OF 223 AGRICOLA DUPLICATE 46
TI Pickling **cucumber inbred** line development by full-sib
family selection II.

L2 ANSWER 160 OF 223 CABA COPYRIGHT 2003 CABI
TI Analysis of generation means and components of variance for fruit size in
two **cucumber** populations; and genetic and breeding studies on
cucumber fruit size utilizing **inbred** backcross lines.

L2 ANSWER 161 OF 223 CABA COPYRIGHT 2003 CABI
TI Effects of plant density, arrangement, and genotype on stability of sex
expression in **cucumber**.

L2 ANSWER 162 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 47
TI DIFFERENTIAL SENSITIVITY BETWEEN AND WITHIN SPECIES TO MAL-SECCO TOXIN.

L2 ANSWER 163 OF 223 CABA COPYRIGHT 2003 CABI
TI Study of parthenocarpic forms of **cucumber** tolerant to
Meloidogyne incognita.

L2 ANSWER 164 OF 223 CABA COPYRIGHT 2003 CABI
TI Field evaluation of melon aphid resistant cantaloupe breeding lines for
susceptibility to the **cucumber** beetle complex.

L2 ANSWER 165 OF 223 CABA COPYRIGHT 2003 CABI
TI Effect of unequal competition from bordering rows on pickling
cucumber yield trial results.

L2 ANSWER 166 OF 223 CABA COPYRIGHT 2003 CABI
TI Pickling **cucumber inbred** line development by full-sib
family selection.

L2 ANSWER 167 OF 223 CABA COPYRIGHT 2003 CABI
TI Response to different selection procedures for increased fruit yield in
two pickling **cucumber** populations.

L2 ANSWER 168 OF 223 CABA COPYRIGHT 2003 CABI
TI Resistance to downy mildew in *Cucumis melo* plant introductions and
American cultivars.

L2 ANSWER 169 OF 223 AGRICOLA
TI Performance of simple hybrids and **inbred** lines of the
cucumber *Cucumis sativus* L. of the Caipira group in a ground

culture in Anapolis [Goias State, Brazil].
Comportamento de híbridos simples e linhagens autofecundadas de pepino.
Cucumis sativus L. do grupo caipira, em cultura rasteira, em Anapolis.

L2 ANSWER 170 OF 223 AGRICOLA DUPLICATE 48
TI Gene action and heterosis for yield and vegetative characteristics in a cross between a gynoecious pickling **cucumber inbred** and a *Cucumis sativus* var. *hardwickii* line.

L2 ANSWER 171 OF 223 CABA COPYRIGHT 2003 CABI
TI Linkage of sex type, growth habit and fruit length in two **cucumber inbred** backcross populations.

L2 ANSWER 172 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ANALYSIS OF FRUIT LENGTH IN **CUCUMBER** BY THE **INBRED** BACKCROSS TECHNIQUE.

L2 ANSWER 173 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI RECURRENT SELECTION AND HERITABILITY ESTIMATES FOR YIELD IN 2 DIVERGENT **CUCUMBER** POPULATIONS.

L2 ANSWER 174 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI INHERITANCE OF PARTHENOCARPIC YIELD IN GYNOECIOUS PICKLING **CUCUMBER** *CUCUMIS-SATIVUS* FOR ONCE-OVER MECHANICAL HARVEST BY DIALLEL ANALYSIS OF 6 GYNOECIOUS LINES.

L2 ANSWER 175 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 49
TI INHERITANCE OF RESISTANCE TO SULFUR DI OXIDE IN **CUCUMBER** *CUCUMIS-SATIVUS*.

L2 ANSWER 176 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 50
TI ALTERATION OF SEX EXPRESSION IN **CUCUMBER** *CUCUMIS-SATIVUS* BY PARTIAL OR TOTAL REMOVAL OF THE COTYLEDONS.

L2 ANSWER 177 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ESTIMATES OF GENETIC VARIANCES FOR YIELD IN PICKLING **CUCUMBER** *CUCUMIS-SATIVUS*.

L2 ANSWER 178 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 51
TI GENETIC INVESTIGATIONS OF DETERMINATE PICKLING **CUCUMBER** *CUCUMIS-SATIVUS* 1. INTERNODE LENGTH AND NODE NUMBER.

L2 ANSWER 179 OF 223 CABA COPYRIGHT 2003 CABI
TI Variety Altai.

L2 ANSWER 180 OF 223 CABA COPYRIGHT 2003 CABI
TI Gene effects for several characteristics in a cross between a pickling **cucumber inbred** (*Cucumis sativus* L.) and *Cucumis hardwickii* R.

L2 ANSWER 181 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI GENE EFFECTS FOR SEVERAL CHARACTERISTICS IN A CROSS BETWEEN A PICKLING **CUCUMBER INBRED** *CUCUMIS-SATIVUS* AND *CUCUMIS-HARDWICKII*.

L2 ANSWER 182 OF 223 CABA COPYRIGHT 2003 CABI
TI Breeding **cucumber** and tomato for greenhouse cultivation.

L2 ANSWER 183 OF 223 CABA COPYRIGHT 2003 CABI
TI An estimate of heritability of fruit number from a cross between a pickling **cucumber inbred** (*Cucumis sativus* L.) and an **inbred** of *C. hardwickii* R.

L2 ANSWER 184 OF 223 CABA COPYRIGHT 2003 CABI
TI Little-leaf, a new kind of pickling **cucumber** plant.

L2 ANSWER 185 OF 223 CABA COPYRIGHT 2003 CABI
TI A genetic study of seed cavity size as related to fruit firmness, seed size and bloating in the brined **cucumber**, *Cucumis sativus* L.

L2 ANSWER 186 OF 223 CABA COPYRIGHT 2003 CABI
TI A genetic study of stomates in **cucumber**, *Cucumis sativus* L. and its relationship with fruit wilting and brining quality.

L2 ANSWER 187 OF 223 CABA COPYRIGHT 2003 CABI
TI Comparison of gibberellin A4/A7 and silver nitrate for induction of staminate flowers in a gynoecious **cucumber** line (*Cucumis sativus* L.).

L2 ANSWER 188 OF 223 CABA COPYRIGHT 2003 CABI

TI Comparison of gibberellin A4/A7 and silver nitrate for induction of staminate flowers in a gynoecious **cucumber** line (*Cucumis sativus* L.).

L2 ANSWER 189 OF 223 CABA COPYRIGHT 2003 CABI
TI Induction of high-yielding **cucumber** hybrids by mutagen treatment of F1 seeds.

L2 ANSWER 190 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI COMPARISON OF GIBBERELLIN A-4-A-7 AND SILVER NITRATE FOR INDUCTION OF STAMINATE FLOWERS IN A GYNOECIOUS **CUCUMBER** LINE CUCUMIS-SATIVUS.

L2 ANSWER 191 OF 223 CABA COPYRIGHT 2003 CABI
TI Variation in the quantitative characters of **cucumber** seeds in the maternal form Melkobugorchatyi 29.

L2 ANSWER 192 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 52
TI HETEROSESIS AND PHENOTYPIC STABILITY OF F-1 HYBRIDS IN **CUCUMBER** UNDER CONTROLLED ENVIRONMENT.

L2 ANSWER 193 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 53
TI ESTIMATES OF HERITABILITIES AND VARIANCE COMPONENTS IN PICKLING **CUCUMBER**.

L2 ANSWER 194 OF 223 CABA COPYRIGHT 2003 CABI
TI Effects of silver nitrate and gibberellic acid on gynoecious **cucumber**.

L2 ANSWER 195 OF 223 CABA COPYRIGHT 2003 CABI
TI Inheritance of short petiole in **cucumber**.

L2 ANSWER 196 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 54
TI A DOMINANT GENE CONFERRING RESISTANCE TO FUSARIUM-OXYSPORUM-F-SP-CUCUMERINUM WILT IN **CUCUMBER**.

L2 ANSWER 197 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 55
TI SEXUAL DIFFERENTIATION IN **CUCUMBER** THE EFFECTS OF ABSCISIC-ACID AND OTHER GROWTH REGULATORS ON VARIOUS SEX GENOTYPES.

L2 ANSWER 198 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI INHERITANCE OF SOME CHARACTERS IN **CUCUMBER** CUCUMIS-SATIVUS PART 1 POWDERY MILDEW RESISTANCE AND MOTTLING OF IMMATURE FRUIT.

L2 ANSWER 199 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber**.

L2 ANSWER 200 OF 223 CABA COPYRIGHT 2003 CABI
TI Study of **cucumber** hybrids of various types in greenhouses.

L2 ANSWER 201 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI MACRO SPOROGENESIS AND MACRO GAMETOGENESIS IN CUCUMIS-SATIVUS AND STATE OF THE FEMALE GAMETOPHYTE AND FLOWERS.

L2 ANSWER 202 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 56
TI STUDIES ON THE INHERITANCE AND SELECTION ADVANCE REGARDING RESISTANCE TO ANGULAR LEAF SPOT OF **CUCUMBER** PSEUDOMONAS-LACHRYMANS.

L2 ANSWER 203 OF 223 CABA COPYRIGHT 2003 CABI
TI Results of breeding work to produce **cucumber** varieties suitable for once-over mechanical harvesting.

L2 ANSWER 204 OF 223 CABA COPYRIGHT 2003 CABI
TI Inheritance of fruit length and shape in **cucumber**, *Cucumis sativus* L.

L2 ANSWER 205 OF 223 CABA COPYRIGHT 2003 CABI
TI Methods of producing varieties and hybrids of **cucumber** without bitterness.

L2 ANSWER 206 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber**.

L2 ANSWER 207 OF 223 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 57
TI Effect of inbreeding on some physiological manifestations of **cucumber** (*Cucumis sativus*)

L2 ANSWER 208 OF 223 CABA COPYRIGHT 2003 CABI

TI New sex types in **cucumber** and their uses in breeding work.
L2 ANSWER 209 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
DUPLICATE 58
TI STUDY ON THE EFFECT OF INBREEDING IN CUCUMBER PART 1 GROWTH AND
REPRODUCTION PERFORMANCE OF THE INBRED LINE NO 3-6 FROM THE
CULTIVAR STAROZAGORSKI-LANGI.
L2 ANSWER 210 OF 223 CABA COPYRIGHT 2003 CABI
TI Parthenocarpy in **cucumber**.
L2 ANSWER 211 OF 223 CABA COPYRIGHT 2003 CABI
TI Sexual types of flowers and plants in **cucumber** (*Cucumis sativus*
L.).
L2 ANSWER 212 OF 223 AGRICOLA
TI Study on the effect of inbreeding in **cucumber**. 1. Growth and
reproduction performance of the **inbred** line No 3/6 from the
variety Starozagorski Langi
L2 ANSWER 213 OF 223 CABA COPYRIGHT 2003 CABI
TI Inheritance of tolerance to chloramben methyl ester in **cucumber**.
L2 ANSWER 214 OF 223 CABA COPYRIGHT 2003 CABI
TI Heterosis and its use in breeding **cucumber** crops for cultivation
under glass.
L2 ANSWER 215 OF 223 CABA COPYRIGHT 2003 CABI
TI Hybrid seed of **cucumber**.
L2 ANSWER 216 OF 223 CABA COPYRIGHT 2003 CABI
TI A cytogenetic study of a radiation-induced male sterile mutant of
cucumber.
L2 ANSWER 217 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Metabolism of pyrazon [5-amino-4-chloro-2-phenyl-3(2H)pyridazinone] in
susceptible species and **inbred** lines of tolerant red beet (*Beta*
vulgaris)
L2 ANSWER 218 OF 223 CABA COPYRIGHT 2003 CABI
TI [Weibulls Original Cilla, a new **cucumber** for forcing].
Weibull's Original Cilla, en ny drivgurka.
L2 ANSWER 219 OF 223 CABA COPYRIGHT 2003 CABI
TI **Cucumber** hybrids for unprotected and protected ground.
L2 ANSWER 220 OF 223 AGRICOLA
TI TAMU 950, a hermaphroditic **inbred** line of **cucumber**
L2 ANSWER 221 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI TAMU-950 A HERMAPHRODITIC INBRED LINE OF CUCUMBER-D.
L2 ANSWER 222 OF 223 CAPLUS COPYRIGHT 2003 ACS
TI Comparative specificity of the toxins of *Helminthosporium carbonum* and
Helminthosporium victoriae
L2 ANSWER 223 OF 223 CABA COPYRIGHT 2003 CABI
TI [First meeting on melon breeding and selection, Montfavet, France, June
1973].
Premiere reunion sur la selection du melon, Montfavet, France, Juin 1973.

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L2 ANSWER 221 OF 223 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1971:56222 BIOSIS
DN BR07:56222
TI TAMU-950 A HERMAPHRODITIC INBRED LINE OF CUCUMBER-D.
AU PIKE L M; MULKEY W A
SO Tex. Agric. Exp. Stn., [Misc. Publ.] MP, (1971) 984, NO PAG.
CODEN: TAEMAT. ISSN: 0097-6334.
FS BR; OLD
LA Unavailable
L2 ANSWER 219 OF 223 CABA COPYRIGHT 2003 CABI
AN 74:69746 CABA
DN 741617940
TI **Cucumber** hybrids for unprotected and protected ground
AU Marchenko, O. Z.
SO Ovochivnitstvo i bashtannitstvo. Resp. mizhvid. temat. nauk zb, (1971) No.
12, pp. 48-50.

Secondary Source: Referativnyi Zhurnal (1972) 1.55.277
DT Journal
LA Ukrainian
SL Russian
AB The isolation and use of new female **inbred** strains adapted to the conditions of a particular zone enabled hybrids showing much higher yields, earlier ripening and other valuable characters superior to the approved varieties to be obtained.

L2 ANSWER 206 OF 223 CABA COPYRIGHT 2003 CABI
AN 76:79231 CABA
DN 751632857
TI **Cucumber**
SO Sweden, Sveriges Utsadesforening: Annual report of the Swedish Seed Association, 1974.: Sveriges Utsadesforenings Tidskrift, (1975) Vol. 85, pp. 67-138.
DT Miscellaneous
LA Swedish
AB Among forcing material, selection for resistance to *Diplodina citrullina* and the crossing of **inbred** lines from resistant plants gave promising results. Material of outdoor **cucumber** with marked resistance to *Alternaria* in the field was selected.

L2 ANSWER 199 OF 223 CABA COPYRIGHT 2003 CABI
AN 78:84215 CABA
DN 781662130
TI **Cucumber**
SO Miscellaneous Publication, Hawaii Agricultural Experiment Station, (1977) pp. 25.
Meeting Info.: USA, Hawaii, Hawaii Agricultural Experiment Station: Achievement report July 1975 - June 1976.
DT Journal
LA English
AB The **inbred** Maile, with uniformly crisp ovary walls and resistance to water melon mosaic virus, has been used as parent to give the resistant F1 hybrid Sweet Slice.

L2 ANSWER 182 OF 223 CABA COPYRIGHT 2003 CABI
AN 81:88243 CABA
DN 811602821
TI Breeding **cucumber** and tomato for greenhouse cultivation
AU Kvasnikov, B. V.; Tarakanova, S. I.; Ignatova, S. I.; Rogova, N. T.; Suchkova, L. V.
SO Tr. NII ovoshch. kh-va, (1980) Vol. 12/13, pp. 187-195.
Secondary Source: Referativnyi Zhurnal (1981) 4.65.196
DT Journal
LA Russian
AB **Inbred** lines were selected among west European and some east European parthenocarpic cucumbers. Heterotic hybrids produced from them included the parthenocarpic greenhouse variety Moskovskii Teplichnyi [Moscow Greenhouse], the high-yielding parthenocarpic hybrid Malakhit [Malachite], and the predominantly gynecious hybrids Aelita, Biryuza [Turquoise], Yaroslavna, Salyut [Salute] and Lada, which combine early ripening with high yield. The heterotic parthenocarpic hybrids 430 and 433-3, produced jointly by the Institute of Vegetable Farming, Moscow, and the Breeding Institute at Quedlinburg in the German Democratic Republic (GDR), exceed the F1 hybrids approved in the USSR and GDR in yield and equal the best Dutch hybrids Fabrio and Sandra. The following tomatoes were bred for tolerance of low light intensities and resistance to disease: Nakhodka [Find], an early-ripening variety with resistance to *Cladosporium fulvum* [Fulvia fulva] and tolerance of *Fusarium oxysporum*; the F1 hybrids Sprint 262 and Solnyshko [Little Sun], which combine high early and total yield with good fruit quality and uniformity, and with resistance to tobacco mosaic virus, *F. fulva* and *F. oxysporum*; and the hybrid Lastochka [Swallow], which combines early ripening and high yield with resistance to tobacco mosaic virus and *F. fulva*. The hybrids G113, G96, G98 and G120, which show resistance to *Meloidogyne* species, tobacco mosaic virus, *F. fulva* and *F. oxysporum*, are promising breeding material.

L2 ANSWER 184 OF 223 CABA COPYRIGHT 2003 CABI
AN 81:88219 CABA
DN 811602765
TI Little-leaf, a new kind of pickling **cucumber** plant
AU Goode, M. J.; Bowers, J. L.; Bassi, A., Jr.
CS Agric. Exp. Sta., Univ. Ark., Fayetteville, USA.
SO Arkansas Farm Research, (1980) Vol. 29, No. 3, pp. 4.
ISSN: 0004-1785
DT Journal
LA English
AB The little-leaf character arose as a spontaneous mutation in nine out of 25 plants in a progeny row of a seventh-generation **inbred** population. Stem diameter and length were reduced as well as leaf size.

The leaves were approximately 5 cm wide. The plants flowered profusely. Whilst several plants were sterile, fertile progeny was obtained by selfing partially fertile plants. The mutation was controlled by a single recessive gene and possibly some modifiers. Both gynoecious and monoeious lines have been bred with this character.

L2 ANSWER 166 OF 223 CABA COPYRIGHT 2003 CABI
AN 84:24952 CABA
DN 841626099
TI Pickling **cucumber** inbred line development by full-sib family selection
AU Lertrat, K.; Lower, R. L.
CS Wisconsin Univ., Madison, WI 53706, USA.
SO Report, Cucurbit Genetics Cooperative, (1983) No. 6, pp. 16-18. 5 ref.
DT Journal
LA English
AB Full-sib family selection was practised for one year using the improved populations HSE-C3 (hardwickii semiexotic, cycle 3) and GS-C3 (gynoecious synthetic, cycle 3) obtained after three cycles of S1 selection. Average fruit yield of 106 S0 x S0 (HSE-C3 x GS-C3) crosses was 2.32 fruit per plant but was not significantly greater than the average of six control hybrids.

L2 ANSWER 168 OF 223 CABA COPYRIGHT 2003 CABI
AN 82:73593 CABA
DN 821385394
TI Resistance to downy mildew in *Cucumis melo* plant introductions and American cultivars
AU Thomas, C. E.
CS USDA, Weslaco, Texas, USA.
SO Plant Disease, (1982) Vol. 66, No. 6, pp. 500-502. 1 tab. 11 ref.
ISSN: 0191-2917
DT Journal
LA English
AB Twenty-two [melon] introductions, 14 cantaloupe cvs. and other selected Cucurbitaceae were evaluated for resistance to *Pseudoperonospora cubensis* under epiphytic conditions at Weslaco in 1978 and 1979. Only 9 introductions, all from India, and 3 cvs. had less than or equal to 50% leaf loss due to the disease. The most resistant entry was an **inbred** derivative of PI 124111. **Cucumber** and *Citrullus lanatus* were infected in both years; *Luffa cylindrica* was not infected in either year. Three *Cucurbita* spp. (vegetable marrow, squash and *C. moschata*) were infected in 1979 but not 1978. Inoculations in growth chambers produced differential host responses similar to those expressed in the field.

=> d bib abs 159 158 138 129 128 119 118 103
L2 ANSWER 158 OF 223 CABA COPYRIGHT 2003 CABI
AN 85:75485 CABA
DN 851641497
TI Pickling **cucumber** population improvement for increased fruit yield II
AU Lertrat, K.; Lower, R. L.
CS Univ. Wis., Madison, WI 53706, USA.
SO Report, Cucurbit Genetics Cooperative, USA, (1984) No. 7, pp. 9. 1 ref.
DT Journal
LA English
AB In the second cycle of recurrent selection for specific combining ability using GY14 as an **inbred** tester and breeding populations HSE (hardwickii semiexotic) and GS (gynoecious synthetic), average fruit yield for the test crosses was 1.75 and 1.63 fruit/plant, respectively, and was higher than that of the hybrid controls. The best 25 lines of HSE and GS, with an average fruit yield of 2.16 and 1.93 respectively, were selected at an intensity of 20% for further population improvement. [See also Plant Breeding Abstracts 54, 419.]

L2 ANSWER 159 OF 223 AGRICOLA
AN 87:2424 AGRICOLA
DN IND85038306
TI Pickling **cucumber** inbred line development by full-sib family selection II.
AU Lertrat, K.; Lower, R. L.
AV DNAL (SB337.C94)
SO Report: Cucurbit genetics cooperative, June 1984. No. 7. p. 8
Publisher: Madison, Wis. : Department of Horticulture, University of Wisconsin.
NTE Includes references.
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

DUPLICATE 46

L2 ANSWER 138 OF 223 CABA COPYRIGHT 2003 CABI
AN 86:91182 CABA
DN 861653249
TI 'Wautoma' **cucumber**
AU Peterson, C. E.; Staub, J. E.; Palmer, M. J.
CS ARS, USDA, Madison, WI 53706, USA.
SO HortScience, (1986) Vol. 21, No. 2, pp. 326.
ISSN: 0018-5345
DT Journal
LA English
AB Wautoma originated from a cross between the gynoecious **inbred** GY14 and the monoecious line WI409M. It is resistant to *Cladosporium cucumerinum*, **cucumber** mosaic virus, *Pseudomonas lachrymans* [P. *syringae* pv. *lachrymans*], *Pseudoperonospora cubensis*, *Sphaerotheca fuliginea*, *Colletotrichum orbiculare* [*C. lagenarium*], *Fusarium oxysporum* f. sp. *cucumerinum* and *Corynespora cassicola*. Fruits of Wautoma average about 3 : 1 in length : diameter ratio, are bitter free, white-spined, typically light-green and nearly cylindrical. Wautoma is indeterminate and flowers 2-3 days earlier than Calypso in Wisconsin. It performed as well as standard monoecious hybrids for fruit yield and salting quality in 1984 Wisconsin trials.

L2 ANSWER 129 OF 223 CABA COPYRIGHT 2003 CABI
AN 89:25762 CABA
DN 891603470
TI 'Milo' **cucumber**
AU Sekioka, T. T.; Takeda, K.; Tanaka, J. S.; Gilbert, J. C.
CS Kauai Branch Sta., Univ. Hawaii, 7370-A Kuamoo Road, Kapaa, HI 96746, USA.
SO HortScience, (1988) Vol. 23, No. 3, pp. 640.
ISSN: 0018-5345
DT Journal
LA English
AB Milo is a monoecious slicing **cucumber** derived from a cross between the University of Hawaii **inbred** lines 79-25 and 75A1. It produces vigorous tendrilless vines and uniform green fruit, 25 cm long, with crisp flesh and small seed cavities. In field trials it was resistant to **cucumber** mosaic virus and watermelon mosaic virus 2 and tolerant of powdery mildew (*Sphaerotheca fuliginea*). In trials at 3 sites Milo averaged 2.4 kg marketable fruits and 3.9 kg total fruits per plant, equal to Burpee Hybrid and better than Sweet Slice.

L2 ANSWER 128 OF 223 CABA COPYRIGHT 2003 CABI
AN 89:37502 CABA
DN 891675718
TI Production of **inbred** **cucumber** lines and their use to obtain heterotic hybrids
AU Dambrauskas, E.
CS Litovskii N.-I. Inst. Plodovovshchnogo Khozyaistva, Lithuanian SSR.
SO Problemy ekologicheskogo monitoringa i geneticheskie aspekty ornitofauny i drugikh organizmov. 2. Problemy geneticheskogo i ekologicheskogo monitoringa rastenii i zhivotnykh, (1988) pp. 34-36. Vilnius
CY LITHUANIAN SSR
DT Miscellaneous
LA Russian
AB In the production of hybrid varieties in the Lithuanian SSR, the maternal forms used were lines selected in Fetox F2, Heureka, Kuba F2 and 6502 and the pollen parents were lines selected in 6502 and Voronezhskii. Hybrids were obtained which outyielded the locally grown standard, Lebelle F1, in total yield and early yield (first 15 days of fruiting), and produced good-quality fruit suitable for pickling. Tabulated data are given on early and total yield for the promising hybrids Fetox F2 x 6502, Kuba F2 x 6502 and Heureka x Voronezhskii.

L2 ANSWER 119 OF 223 AGRICOLA
AN 91:26412 AGRICOLA
DN IND91012331
TI Gy 4 **cucumber** **inbred** and 'Raleigh' hybrid pickling **cucumber**.
AU Lower, R.L.; Whener, T.C.; Jenkins, S.F. Jr
CS University of Wisconsin, Madison, WI
AV DNAL (SB1.H6)
SO HortScience, Jan 1991. Vol. 26, No. 1. p. 77-78 ill
Publisher: Alexandria, Va. : American Society for Horticultural Science.
CODEN: HJHSAR; ISSN: 0018-5345
NTE Includes references.
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 118 OF 223 AGRICOLA
AN 91:26413 AGRICOLA
DN IND91012332
DUPLICATE 36

TI Gy 5 **cucumber inbred** and 'Johnston' hybrid pickling
cucumber.
AU Wehner, T.C.; Jenkins, Jr; Lower, R.L.
CS North Carolina State University, Raleigh, NC
AV DNAL (SB1.H6)
SO HortScience, Jan 1991. Vol. 26, No. 1. p. 78-79
Publisher: Alexandria, Va. : American Society for Horticultural Science.
CODEN: HJHSAR; ISSN: 0018-5345
NTE Includes references.
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 103 OF 223 AGRICOLA
AN 93:92576 AGRICOLA
DN IND20358943
TI **Cucumber** population WI 6383 and derived inbreds WI 5098 and WI
5551.
AU Staub, J.E.; Peterson, C.E.; Crubaugh, L.K.; Palmer, M.J.
AV DNAL (SB1.H6)
SO HortScience : a publication of the American Society for Horticultural
Science, Dec 1992. Vol. 27, No. 12. p. 1340-1341
Publisher: Alexandria, Va. : The American Society for Horticultural
Science.
CODEN: HJHSAR; ISSN: 0018-5345
NTE Includes references
CY United States; Virginia
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

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